

5,000 BPD PETROTEQ OIL SANDS TECHNOLOGY - ECONOMIC MODEL

MULTIPLE SCENARIOS AT STEADY STATE CASH FLOW

5,000 BPD COMMERCIAL SCALE PLANT						
FINANCIAL ITEM					Oil Only	Oil + Sand
PRICES & RATES						
	Production Rate (bbls per day)				5000 bopd	5000 bopd
	Days Worked per Year				350 days	350 days
	Monthly Oil Production (bbl)				145 833 bbl/mo	145 833 bbl/mo
	Monthly Sand Production					
		Silica Flour Production (tons)			0 ton/mo	37 188 ton/mo
		Frac Sand Production (tons)			0 ton/mo	136 354 ton/mo
		Bulk Sand Production (tons)			0 ton/mo	74 375 ton/mo

MONTHLY INCOME						
	Oil Sales Revenue				\$7 291 667	\$7 291 667
	Sand Sales Revenue					
		Silica Flour Sales			\$0	\$3 718 750
		Frac Sand Sales			\$0	\$2 727 083
		Bulk Sand Sales			\$0	\$743 750
				Subtotal	\$7 291 667	\$14 481 250
MONTHLY EXPENSES						
	State 8% Royalty to SITLA				\$583 333	\$583 333
	Summary of Expenses					
		Personnel			\$216 667	\$216 667
		Electricity			\$175 000	\$175 000
		Natural Gas Fuel			\$1 166 667	\$1 166 667
		Mining Cost			\$1 291 667	\$1 291 667

		Maintenance & Spares			\$208 333	\$208 333
	Solvent & Chemicals				\$166 667	\$166 667
	Transport Costs				\$538 462	\$166 667
		Oil Transport			\$538 462	\$538 462
		Sand Transport			\$0	\$915 385
				Subtotal	\$4 885 256	\$5 428 846
					\$22 \$/bbl Increme	
					\$33 \$/bbl with Tra	
TOTAL INCOME					\$7 291 667	\$14 481 250
TOTAL EXPENSES					\$4 885 256	\$5 428 846
MONTHLY NET REVENUE					\$2 406 410	\$9 052 404
ANNUAL NET REVENUE					\$28 876 923	\$108 628 846
		NOTES:				
			Days Worked per Year		350 days	96% up time

			Oil Production Rate		5000 bopd	Single Train
			Oil Price		\$50	Gross Sales Price
			Ore Quality		7% oil by weight	1,7 ton/bbl of oil
			Sand Production Rate		8500 ton/day	
			Silica Sand %		15%	Fine Grained Silica
			Frac Sand %		55%	70-140 mesh 8000 psi Quartzitic Sand
			Bulk Sand %		30%	Large Grain Left over Sand
			Silica Sand Price		\$100	
			Frac Sand Price		\$20	
			Bulk Sand Price		\$10	
			Transport Rate		\$0,12 \$ per ton	
			Transport Distance		200 miles	To Salt Lake City